

Table 17. Deaths and death rates for the 10 leading causes of death in specified age groups: United States, preliminary 1998

[Data are based on a continuous file of records received from the States. Rates per 100,000 population in specified group. For explanation of asterisks preceding cause-of-death categories, see Technical notes. Figures are based on weighted data rounded to the nearest individual, so categories may not add to totals]

| Rank ¹ | Cause of death and age (Based on Ninth Revision, International Classification of Diseases, 1975) | Number | Rate |
|-----------------------|--|-----------|-------|
| All ages ² | | | |
| ... | All causes | 2,338,075 | 865.0 |
| 1 | Diseases of heart (390-398, 402, 404-429) | 724,269 | 268.0 |
| 2 | Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208) | 538,947 | 199.4 |
| 3 | Cerebrovascular diseases (430-438) | 158,060 | 58.5 |
| 4 | Chronic obstructive pulmonary diseases and allied conditions (490-496) | 114,381 | 42.3 |
| 5 | Pneumonia and influenza (480-487) | 94,828 | 35.1 |
| 6 | Accidents and adverse effects (E800-E949) | 93,207 | 34.5 |
| ... | Motor vehicle accidents (E810-E825) | 41,826 | 15.5 |
| ... | All other accidents and adverse effects (E800-E807, E826-E949) | 51,382 | 19.0 |
| 7 | Diabetes mellitus (250) | 64,574 | 23.9 |
| 8 | Suicide (E950-E959) | 29,264 | 10.8 |
| 9 | Nephritis, nephrotic syndrome, and nephrosis (580-589) | 26,295 | 9.7 |
| 10 | Chronic liver disease and cirrhosis (571) | 24,936 | 9.2 |
| ... | All other causes (Residual) | 469,314 | 173.6 |
| 1-4 years | | | |
| ... | All causes | 5,195 | 34.2 |
| 1 | Accidents and adverse effects (E800-E949) | 1,881 | 12.4 |
| ... | Motor vehicle accidents (E810-E825) | 750 | 4.9 |
| ... | All other accidents and adverse effects (E800-E807, E826-E949) | 1,131 | 7.4 |
| 2 | Congenital anomalies (740-759) | 531 | 3.5 |
| 3 | Homicide and legal intervention (E960-E978) | 368 | 2.4 |
| 4 | Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208) | 355 | 2.3 |
| 5 | Diseases of heart (390-398, 402, 404-429) | 198 | 1.3 |
| 6 | Pneumonia and influenza (480-487) | 133 | 0.9 |
| 7 | Septicemia (038) | 81 | 0.5 |
| 8 | Certain conditions originating in the perinatal period (760-779) | 75 | 0.5 |
| 9 | Cerebrovascular diseases (430-438) | 54 | 0.4 |
| 10 | Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239) | 50 | 0.3 |
| ... | All other causes (Residual) | 1,469 | 9.7 |
| 5-14 years | | | |
| ... | All causes | 7,700 | 19.7 |
| 1 | Accidents and adverse effects (E800-E949) | 3,115 | 8.0 |
| ... | Motor vehicle accidents (E810-E825) | 1,773 | 4.5 |
| ... | All other accidents and adverse effects (E800-E807, E826-E949) | 1,342 | 3.4 |
| 2 | Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208) | 1,025 | 2.6 |
| 3 | Homicide and legal intervention (E960-E978) | 423 | 1.1 |
| 4 | Congenital anomalies (740-759) | 355 | 0.9 |
| 5 | Suicide (E950-E959) | 318 | 0.8 |
| 6 | Diseases of heart (390-398, 402, 404-429) | 304 | 0.8 |
| 7 | Chronic obstructive pulmonary diseases and allied conditions (490-496) | 145 | 0.4 |
| 8 | Pneumonia and influenza (480-487) | 125 | 0.3 |
| 9 | Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature (210-239) | 80 | 0.2 |
| 10 | Cerebrovascular diseases (430-438) | 76 | 0.2 |
| ... | All other causes (Residual) | 1,734 | 4.4 |
| 15-24 years | | | |
| ... | All causes | 30,211 | 81.2 |
| 1 | Accidents and adverse effects (E800-E949) | 12,752 | 34.3 |
| ... | Motor vehicle accidents (E810-E825) | 9,635 | 25.9 |
| ... | All other accidents and adverse effects (E800-E807, E826-E949) | 3,117 | 8.4 |
| 2 | Homicide and legal intervention (E960-E978) | 5,233 | 14.1 |
| 3 | Suicide (E950-E959) | 4,003 | 10.8 |
| 4 | Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208) | 1,670 | 4.5 |
| 5 | Diseases of heart (390-398, 402, 404-429) | 961 | 2.6 |
| 6 | Congenital anomalies (740-759) | 429 | 1.2 |
| 7 | Chronic obstructive pulmonary diseases and allied conditions (490-496) | 224 | 0.6 |
| 8 | Pneumonia and influenza (480-487) | 211 | 0.6 |
| 9 | Human immunodeficiency virus infection (*042-*044) | 208 | 0.6 |
| 10 | Cerebrovascular diseases (430-438) | 182 | 0.5 |
| ... | All other causes (Residual) | 4,338 | 11.7 |

See footnotes at end of table.

Table 17. Deaths and death rates for the 10 leading causes of death in specified age groups: United States, preliminary 1998 - Con.

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| Rank ¹ | Cause of death and age (Based on Ninth Revision, International Classification of Diseases, 1975) | Number | Rate |
|-------------------|--|-----------|---------|
| 25-44 years | | | |
| ... | All causes | 129,309 | 155.2 |
| 1 | Accidents and adverse effects (E800-E949) | 25,153 | 30.2 |
| ... | Motor vehicle accidents (E810-E825) | 13,585 | 16.3 |
| ... | All other accidents and adverse effects (E800-E807, E826-E949) | 11,568 | 13.9 |
| 2 | Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208) | 21,130 | 25.4 |
| 3 | Diseases of heart (390-398, 402, 404-429) | 16,022 | 19.2 |
| 4 | Suicide (E950-E959) | 11,602 | 13.9 |
| 5 | Human immunodeficiency virus infection (*042-*044) | 8,529 | 10.2 |
| 6 | Homicide and legal intervention (E960-E978) | 7,743 | 9.3 |
| 7 | Chronic liver disease and cirrhosis (571) | 3,785 | 4.5 |
| 8 | Cerebrovascular diseases (430-438) | 3,219 | 3.9 |
| 9 | Diabetes mellitus (250) | 2,432 | 2.9 |
| 10 | Pneumonia and influenza (480-487) | 1,913 | 2.3 |
| ... | All other causes (Residual) | 27,781 | 33.4 |
| 45-64 years | | | |
| ... | All causes | 378,197 | 660.5 |
| 1 | Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208) | 132,197 | 230.9 |
| 2 | Diseases of heart (390-398, 402, 404-429) | 98,700 | 172.4 |
| 3 | Accidents and adverse effects (E800-E949) | 17,141 | 29.9 |
| ... | Motor vehicle accidents (E810-E825) | 8,112 | 14.2 |
| ... | All other accidents and adverse effects (E800-E807, E826-E949) | 9,029 | 15.8 |
| 4 | Cerebrovascular diseases (430-438) | 15,319 | 26.8 |
| 5 | Chronic obstructive pulmonary diseases and allied conditions (490-496) | 13,102 | 22.9 |
| 6 | Diabetes mellitus (250) | 13,062 | 22.8 |
| 7 | Chronic liver disease and cirrhosis (571) | 10,829 | 18.9 |
| 8 | Suicide (E950-E959) | 7,718 | 13.5 |
| 9 | Pneumonia and influenza (480-487) | 6,130 | 10.7 |
| 10 | Human immunodeficiency virus infection (*042-*044) | 3,994 | 7.0 |
| ... | All other causes (Residual) | 60,005 | 104.8 |
| 65 years and over | | | |
| ... | All causes | 1,758,530 | 5,111.8 |
| 1 | Diseases of heart (390-398, 402, 404-429) | 607,422 | 1,765.7 |
| 2 | Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208) | 382,468 | 1,111.8 |
| 3 | Cerebrovascular diseases (430-438) | 138,891 | 403.7 |
| 4 | Chronic obstructive pulmonary diseases and allied conditions (490-496) | 99,697 | 289.8 |
| 5 | Pneumonia and influenza (480-487) | 85,909 | 249.7 |
| 6 | Diabetes mellitus (250) | 48,917 | 142.2 |
| 7 | Accidents and adverse effects (E800-E949) | 32,343 | 94.0 |
| ... | Motor vehicle accidents (E810-E825) | 7,788 | 22.6 |
| ... | All other accidents and adverse effects (E800-E807, E826-E949) | 24,555 | 71.4 |
| 8 | Nephritis, nephrotic syndrome, and nephrosis (580-589) | 22,749 | 66.1 |
| 9 | Alzheimer's disease (331.0) | 22,510 | 65.4 |
| 10 | Septicemia (038) | 19,024 | 55.3 |
| ... | All other causes (Residual) | 298,600 | 868.0 |

... Category not applicable.

¹ Rank based on number of deaths; see Technical notes.

² Includes deaths under 1 year of age.

NOTE: Data are subject to sampling and/or random variation. For information on the relative standard errors of the data and further discussion, see Technical notes.